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(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SIORPAES, David** [IT/IT]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GENNARI, Fabrizio** [IT/IT]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MELPIGNANO, Diego** [IT/IT]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) Agent: **MAK, Theodorus, N.**; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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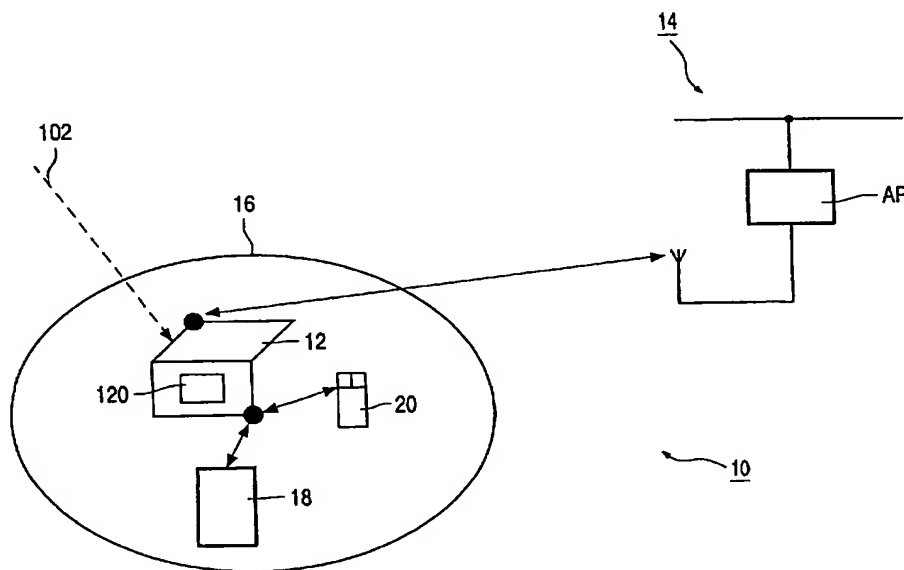
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(57) Abstract: Multi-mode hardware that supports both Wireless LAN and Wireless PAN standards in the 2.4Ghz ISM band are becoming available. This invention discloses a multi-standard wireless driver that includes a Multi-standard Wireless Adaptation Layer (M-WAL) with the capability to efficiently handle concurrent operation of multiple wireless transceivers while reducing mutual interference and matching application traffic requirements. The multi-standard Wireless Adaptation Layer is a virtual device driver that is not limited to networking applications but also takes other application profiles into account, such as those described in the Bluetooth standard.

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|--|-----------------------|
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | <p>MAHONEN P ET AL: "PLATFORM-INDEPENDENT IP TRANSMISSION OVER WIRELESS NETWORKS: THE WINE APPROACH"</p> <p>IEEE PERSONAL COMMUNICATIONS, IEEE COMMUNICATIONS SOCIETY, US, vol. 8, no. 6, December 2001 (2001-12), pages 32-40, XP001076793</p> <p>ISSN: 1070-9916</p> <p>abstract; figures 1-3,8</p> <p>page 33, left-hand column, line 9 - line 56</p> <p>page 33, right-hand column, line 1 - page 35, right-hand column, line 30</p> <p>page 38, left-hand column, line 9 - right-hand column, line 27</p> | 1-17 |
| A | <p>KAMERMAN ET AL: "Coexistence between Bluetooth and IEEE 802.11 CCK Solutions to avoid mutual interference"</p> <p>IEEE P802.11, XX, XX, 30 June 2000 (2000-06-30), pages 1-7, XP002256503</p> <p>abstract; figure 1; tables 1,2</p> <p>page 5, line 1 - line 10</p> | 1,10,16,17 |
| A | <p>SHOEMAKE M B: "Wi-Fi (IEEE 802.11b) and Bluetooth: Coexistence Issues and Solutions for the 2.4 GHz ISM Band"</p> <p>TEXAS INSTRUMENTS WHITE PAPER, XX, XX, February 2001 (2001-02), pages 1-17, XP002242399</p> <p>abstract; figures 4-10</p> <p>page 13, line 1 - page 14, line 32</p> | 1-17 |
| T | <p>IEEE COMPUTER SOCIETY:</p> <p>"PART15.2-COEXISTENCE OF WIRELESS PERSONAL AREA NETWORKS WITH OTHER WIRELESS DEVICES OPERATING IN UNLICENSED BANDS"</p> <p>IEEE STD 802.15.2- 2003- IEEE RECOMMENDED PRACTICE FOR INFORMATION TECHNOLOGY-TELECOMMUNICATIONS AND INFORMATION EXCHANGE BETWEEN SYSTEMS-LOCAL AND METROPOLITAN NETWORKS-SPECIFIC REQUIREMENTS, 'Online!</p> <p>28 August 2003 (2003-08-28), page 1-12,38-45,111-113, XP002292700</p> <p>NEW YORK, USA</p> <p>ISBN: 0-7381-3703-0</p> <p>Retrieved from the Internet:</p> <p>URL:http://standards.ieee.org/reading/ieee/std/lanman/restricted/802.15.2-2003.pdf</p> <p>'retrieved on 2004-08-17!</p> <p>page 1 - page 12</p> <p>page 38 - page 45</p> <p>page 111 - page 113</p> | 1-17 |